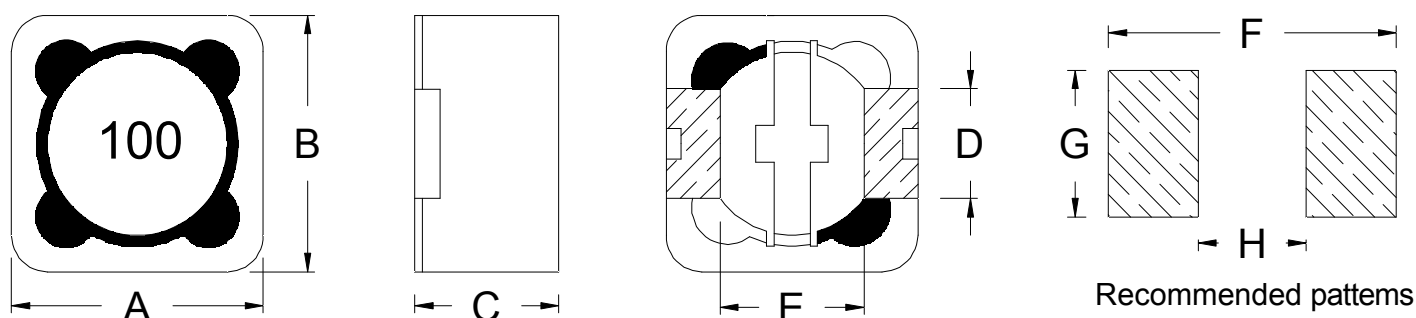


## 1. External Dimensions (Unit:m/m)



| Type  | A       | B       | C      | D Ref | E Ref | F Ref | G Ref | H Ref | Q'TY/Reel |
|-------|---------|---------|--------|-------|-------|-------|-------|-------|-----------|
| RH125 | 12.5Max | 12.5Max | 6.0Max | 5     | 7.6   | 12.6  | 5.4   | 7     | 500       |

## 2. Part Number Code

|             |            |                         |            |           |
|-------------|------------|-------------------------|------------|-----------|
| RH          | 125        | M                       | 100        | A         |
| Series Name | Dimensions | Tolerance<br>$\pm 20\%$ | Inductance | Materials |

## 3. Electrical Characteristics

| Part Number | Inductance (uH) | Test Frequency (KHz) | DC Resistance ( $\Omega$ )Max. | Saturation Current (A)Max. |
|-------------|-----------------|----------------------|--------------------------------|----------------------------|
| RH125M100A  | 10              | 100                  | 0.04                           | 4                          |

### Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +105°C, (Including self - temperature rise).
- 3) Isat :DC current(A) that will cause  $I_o$  to drop approximately 35%.
- 4) The part temperature(ambient + temp rise)should not exceed 105°C under worst case operating conditions. Circuit design,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.